BRUHAT BENGALURU MAHANAGARA PALIKE

Name Of Work : Providing chainlink fencing and Development of works in ward no.04.

Estimate Cost Rs. 200.00 Lakhs

Sl. No.	Description of Item	Unit	No.	L(m)	B(m)	D(m)	Qty.		Amount(Rs)
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2018-19								
	9th B cross road		1	50.00	0.70	0.80	28.00		
	7th main road		1	285.00	0.70	0.80	159.60		
	Inside the park		1	55.00	0.70	0.80	30.80		
	~~6th B main road~~		1	55.00	0.70	0.80	30.80		
	7th main road		1	50.00	0.70	0.80	28.00		
	allikatt park								
	old post office road		1	70.00	0.70	0.80	39.20		
	cross road		1	40.00	0.70	0.80	22.40		
	16th cross road		1	80.00	0.70	0.80	44.80		
	School road		1	50.00	0.70	0.80	28.00		
		CUM	Basic Rate					130	
			Loading & unLoading					57	
			Add for lead for earth (1.28 Tonne /					38.4	
			Area Weightage @ 6%					7.80	
							411.60	233.20	95985.12
2	KSRB 4-1.2 : Providing and laying in position plain cement concrete of cum mix 1:3.6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications KBS 4.1,4.2 (Page No.13, I.No.4.2 of KPWD SR 2018-19)								
	9th B cross road		1	50.00	0.70	0.10	3.50		
	7th main road		1	285.00	0.70	0.10	19.95		
	Inside the park		1	55.00	0.70	0.10	3.85		
	6th B main road		1	55.00	0.70	0.10	3.85		
	7th main road		1	50.00	0.70	0.10	3.50		
	allikatt park								
	old post office road		1	70.00	0.70	0.10	4.90		
	cross road		1	40.00	0.70	0.10	2.80		
	16th cross road		1	80.00	0.70	0.10	5.60		
	School road		1	50.00	0.70	0.10	3.50		
		CUM	Basic Rate					5194	
			Weightage *6%					311.64	
							51.45	5505.64	283265.18

	KSRB 5.2-2: Providing and constructing granite/trap/basalt size stone masonry in foundation with cement mortar 1:8, stone hammerd dressed in courses not less than 20cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13(PAGE NO 25 IT NO 5.5) KPWD SR 2018-19)									
	Below Ground Level									
	9th B cross road		1	50.00	0.60	0.75	22.50			
	7th main road		1	285.00	0.60	0.75	128.25			
	Inside the park		1	55.00	0.60	0.75	24.75			
	6th B main road		1	55.00	0.60	0.75	24.75			
	7th main road		1	50.00	0.60	0.75	22.50			
	allikatt park									
	old post office road		1	70.00	0.60	0.75	31.50			
	cross road		1	40.00	0.60	0.75	18.00			
	16th cross road		1	80.00	0.60	0.75	36.00			
3	School road		1	50.00	0.60	0.75	22.50			
	Above Ground Level									
	9th B cross road		1	50.00	0.60	0.75	22.50			
	7th main road		1	285.00	0.60	0.75	128.25			
	Inside the park		1	55.00	0.60	0.75	24.75			
	6th B main road		1	55.00	0.60	0.75	24.75			
	7th main road		1	55.00	0.60	0.75	24.75			
	allikatt park									
	old post office road		1	70.00	0.60	0.75	31.50			
	cross road		1	40.00	0.60	0.75	18.00			
	16th cross road		1	80.00	0.60	0.75	36.00			
	School road		1	50.00	0.60	0.75	22.50			
			Basic Rate						4,494.00	
			Weightage *6%						269.64	
							663.75		4763.64	3161866.05
	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (PAGE NO 13 IT NO 4.6) KPWD SR 2018-19									
	9th B cross road		1	50.00	0.60	0.10	3.00			
	7th main road		1	285.00	0.60	0.10	17.10			
	Inside the park		1	55.00	0.60	0.10	3.30			
4	6th B main road		1	55.00	0.60	0.10	3.30			
	7th main road		1	50.00	0.60	0.10	3.00			
	allikatt park									
	old post office road		1	70.00	0.60	0.10	4.20			
	cross road		1	40.00	0.60	0.10	2.40			
	16th cross road		1	80.00	0.60	0.10	4.80			

School road		1	50.00	0.60	0.10	3.00		
	Cum	Basic Rate					5422.00	
		Weightage *6%					325.32	
						44.10	5747.32	253457.00

6	Providing and fixing for flooring 20mm thick sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of including cost of all materials, mortar, labour, curing etc., complete as per specification.- do - minimum width of 1200mm (gang saw water cut) (PAGE NO 112 IT NO 14.61.1) KPWD SR 2018-19)								
	9th B cross road		1	50.00	0.80		40.00		
	7th main road		1	285.00	0.80		228.00		
	Inside the park		1	55.00	0.80		44.00		
	6th B main road		1	55.00	0.80		44.00		
	7th main road		1	50.00	0.80		40.00		
	allikatt park								
	old post office road		1	70.00	0.80		56.00		
	cross road		1	40.00	0.80		32.00		
	16th cross road		1	80.00	0.80		64.00		
	School road		1	50.00	0.80		40.00		
		Sqm	Basic Rate					2051	
			Weightage *6%					123.06	
							588.00	2174.06	1278347.28

9	Providing full nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM etc., complete as per specification (PAGE NO 111 IT NO 14.55)								
	9th B cross road		1	50.00			50.00		
	7th main road		1	285.00			285.00		
	Inside the park		1	55.00			55.00		
	6th B main road		1	55.00			55.00		
	7th main road		1	50.00			50.00		
	allikatt park								
	old post office road		1	70.00			70.00		
	cross road		1	40.00			40.00		
	16th cross road		1	80.00			80.00		
	School road		1	50.00			50.00		
		Rmtr	Basic Rate					270.00	
			Weightage *6%					16.2	
							735.00	286.20	210357.00

KSRB15-3.10: Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (PAGE NO 116 IT NO 15.18)								
9th B cross road		2	50.00		0.80	80.00		
7th main road		2	285.00		0.80	456.00		
Inside the park		2	55.00		0.80	88.00		

	oth B main road		2	55.00		0.80	88.00		
10	7th main road		2	50.00		0.80	80.00		
	allikatt park								
	old post office road		2	70.00		0.80	140.00		
	cross road		2	40.00		0.80	80.00		
	16th cross road		2	80.00		0.80	160.00		
	School road		2	50.00		0.80	100.00		
		Sqm	Basic Rate					289.00	
			Weightage *6%					17.34	
							1272.00	306.34	389664.48

Providing and erecting in position of M.S. Hot Dip Galvanized Sq. Hallowpoles of 132x132 heavy guage of length 3000 mm with M S Hot dip Galnanized grill work as per approved design and drawing of chief architech, using 12x75 mm galvanized flat for around frame and 20mmx20mm galvanized - forged design with square for vertical at 150m CC as shown in the drawing incldiuing providing forget ornamental arrowhed at top and bottom. The work is inclusive of thorughing flat square rods, placing welding all the joints incldiuing grinding finishing 2 coats of antocorrosive piant over flats one cost of metal primer. The rate if including of all materials like M S hollow galvanized pipe, flats forget square rods. cost of labour of all item of work cost painting welding cutting, grinding with all lead and Ifit as per specification include loading and unloading with cost and conveying of all materails labours machinary and incidental completion of the work as per the engineering incharges

	9th B cross road		1	50.00		1.70	85.00		
	7th main road		1	285.00		1.70	484.50		
	Inside the park		1	55.00		1.70	93.50		
	6th B main road		1	55.00		1.70	93.50		
	7th main road		1	50.00		1.70	85.00		
	allikatt park								
	old post office road		1	70.00		1.65	115.50		
	cross road		1	40.00		1.65	66.00		
	16th cross road		1	80.00		1.65	132.00		
	School road		1	50.00		1.65	82.50		
		CUM	Basic Rate					9144	
							1237.50	9144.00	11315700.00

11	Fabricating, providing and erecting in position Hot dip galvanised Gate, using 72 x 72 x 4.8mm sq GI Pipe frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to from double arch as per drawing profile, 20mm hot dip galvanised sq.rod for verticals at 150mm c/c as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq rods and heads at top, middle and bottom. intermediate supports of 75 x 12mm and 50 x 6mm arch bent to hot dip galvanised flats. the work is inclusive of throughing GI flat GI sq rods placing, welding all the joints including grinding, finshing metal patty, painting two coats enamel painting The rate is incluisve of all materials like GI sq.pipe GI sq rods GI forged designs etc., heavy duty hinges are made out of 75mm solid sq.block assembled with 20mm dia bearing in three places for each flop.Heavy duty locking arrangements at tow places including cost of labour, painting erecting charges using hoist pulley cranes with all lead and lift, loading, transportations, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per direction of the Engineer in charge of the work.								
		Sqm	2	3.00		2.50	15.00		
			2	1.50		2.50	7.50		
	allikatt park								
			2	3.50		2.50	17.50		
			2	1.30		2.50	6.50		
			Basic Rate					12475	
							46.50	12475.00	580087.50
12	Conveying the executed earth to a distance of 10 Kms. Lead by using privete vehicles including all lead and lifts as per the directions.								
	Qty vide no.01	Cum					408.24		
							408.24	103.16	42,114.04
17	Ksrb 15-18.2 : Poovinding and applying Enamel metal Paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil,grease,dirt and other foreing matter, including cost of materials, labour, complete as per specifications No. KBS. (P.No. 123, I.No. 15.74 of CSR 2018-19)								
	9th B cross road		1	50.00	1.20		60.00		
	7th main road		1	280.00	1.20		336.00		
	Inside the park		1	55.00	1.20		66.00		
	6th B main road		1	55.00	1.20		66.00		
	7th main road		1	50.00	1.20		60.00		
	allikatt park								
	~~old post office~~ Cross road		1	70.00	1.20		84.00		
	cross road		1	40.00	1.20		48.00		
	15th B cross road		1	80.00	1.20		96.00		
	School road 5x8m		1	50.00	1.20		60.00		
		Sqm	Basic Rate					95.00	
			Weightage 5%					5.7	
							876.00	100.70	88213.20
	Sub total								17699056.85
	GST 12%								2123886.82

	rmc 0.5%								88495.28
	DPR 0.5%								88495.28
	Miscellaneous								65.76
	GRAND TOTAL								20000000.00
	Certificate								
1	The above location is facing under jurisdiction of BBMP limit								
2	Certified that I have personally inspected the area and prepared the estimate								
3	Certified that the work propsed in this estimate is not included in any other scheme								
4	Certified that the estimate is prepared as per 2018-19 SR of PWD								
5	The above specified works and essential and minimum								

Asst.Engineer	, Asst. Executive Engineer	Executive Engineer
Ward-04	Yelahanka satellite town Sub- Division	Yelahanka Division
B.B.M.P	B.B.M.P	B.B.M.P

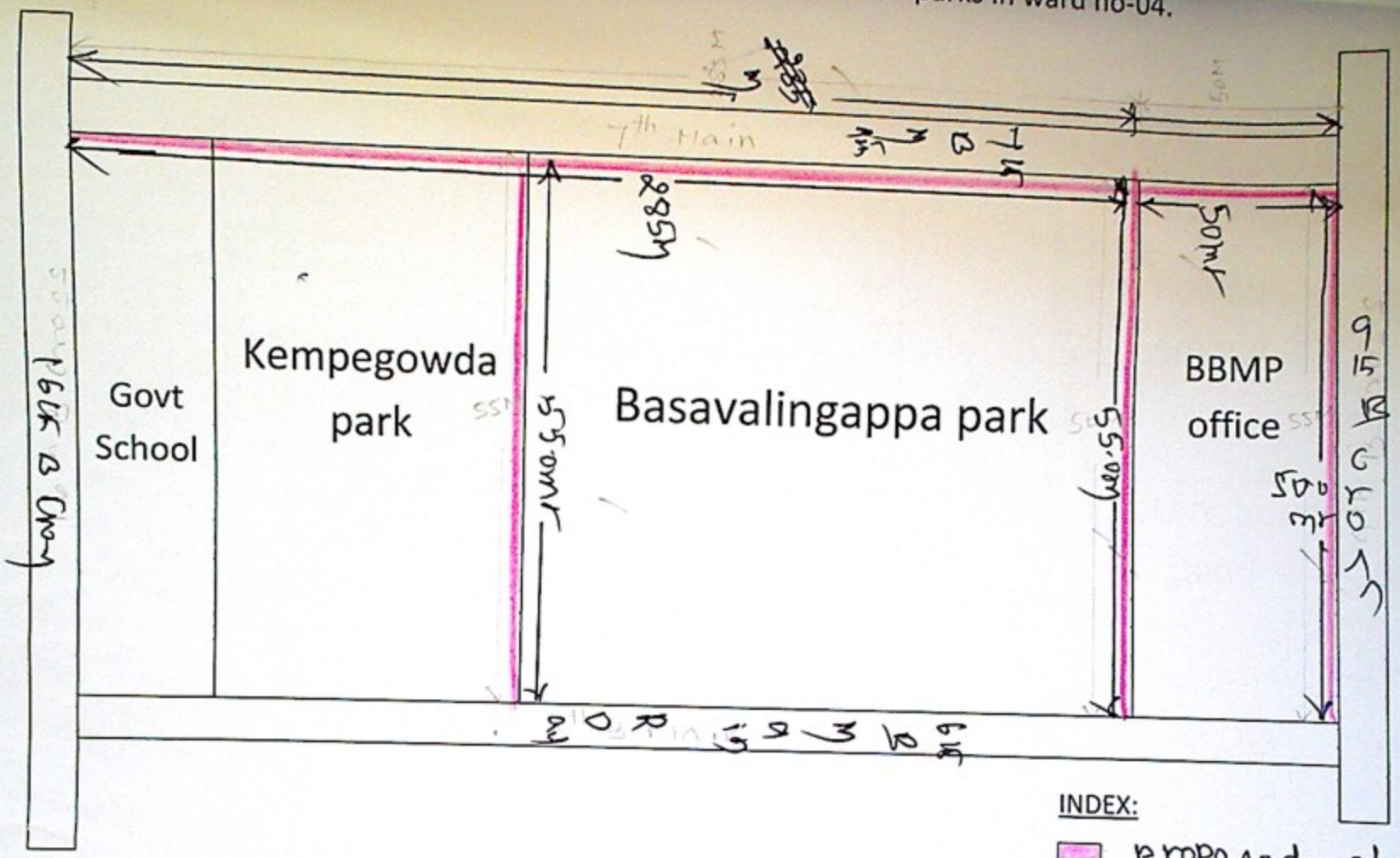
Technical Sanction
Accorded For Rs. 200.00 lakhs only
Head of A/C P.2415
CER NO :.....165..... Dt:.. 10.12.2018

TA CE (YNK)

Administrative Sanction for Rs. 200.00
Two crores only
is accorded under head P.2415
Reserve Fund for Tank Committee
Registered as CE No. ..... Subject
to conditions contained in enclosed memo
No. CE/YNK/AS/42/2020-21 Dt: 18.12.2020

Executive Engineer

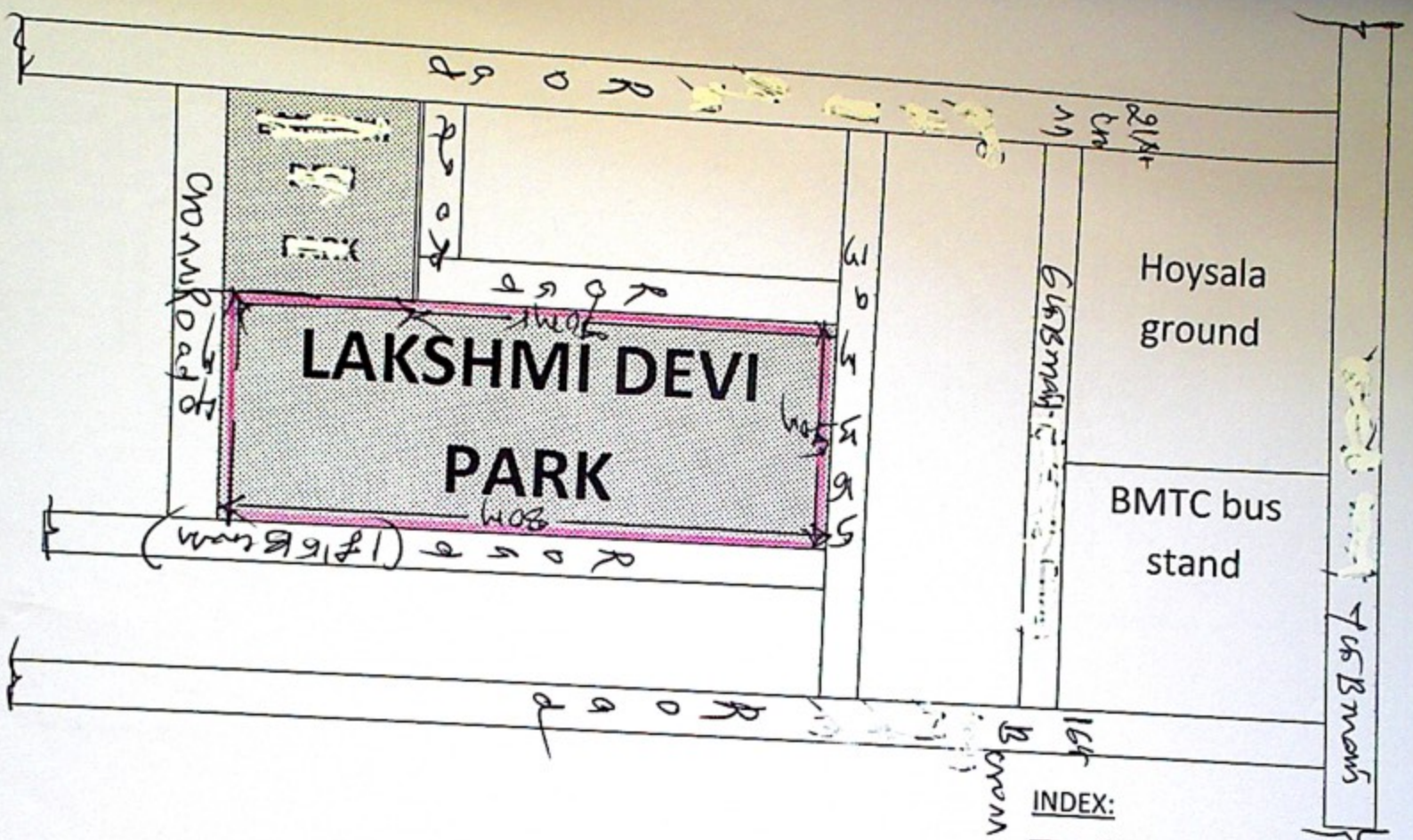
Name of work: Providing Chain Link Fencing and Development of parks in ward no-04.



A.E. Ranganath

Sahaya Kaarya Paalaka Abhiyantharu
Yalahanka Upavibhaga,
B.B.M.P. Bengaluru-10

Name of work: Providing Chain Link Fencing and Development of parks in ward no-04.



A.E. Ramanjeevaiah

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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A.E.